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CLAIM AMENDMENTS

1. (CANCELED)

2. (CURRENTLY AMENDED) Apparatus as defined in Claim 19  
~~17~~ wherein each of said positioners further includes:

- a) a rotational actuator having an actuator shaft;
- b) the angular rotation of said actuator shaft  
being directly responsive to said fluid flows;
- c) a generally-cylindrical inner housing, said  
inner housing having an internal cavity for accommodating said  
rotational actuator;
- d) the axis of symmetry of said generally-  
cylindrical inner housing being coincident with that of said  
actuator shaft;
- e) said inner housing including a cylindrical main  
shaft position of reduced diameter at one end thereof;
- f) means for fixing said actuator shaft to said  
inner housing whereby rotation of said inner housing generates  
corresponding rotation of said main shaft.

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3. (AMENDED) Apparatus as defined in Claim 2 wherein each of said positioners further includes:

- a) said outer housing being generally cylindrical;
- b) said generally-cylindrical outer housing having a hollow interior for accommodating said inner housing; and
- c) means for rotatably coupling said inner housing to said outer housing.

4. (ORIGINAL) Apparatus as defined in Claim 2 wherein said rotational actuator further includes:

- a) a substantially-hollow cylindrical body with an axially-elongated pedestal protruding inwardly and contacting said actuator shaft;
- b) an axially-elongated radially-directed fin fixed to said actuator shaft and extending to the inner surface of said substantially-hollow cylindrical body whereby the interior of said cylindrical body comprises two chambers;
- c) a wall at one end of said rotational actuator having two apertures, each of said apertures being in communication with one of said chambers; and
- d) one of said lines being in communication with one of said apertures and the other line being in communication with the other of said apertures.

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5. (ORIGINAL) Apparatus as defined in Claim 2 wherein said cylindrical main shaft portion is exteriorly-threaded.

6. (ORIGINAL) Apparatus as defined in Claim 3 further including a contacting annular seal between the interior of said outer housing and the exterior of said inner housing.

7. (ORIGINAL) Apparatus as defined in Claim 6 wherein said seal further includes:

- a) a pair of outwardly-directed wipers; and
- b) said wipers are axially aligned adjacent said outer surface of said inner housing.

8. (ORIGINAL) Apparatus as defined in Claim 3 further including a pair of contacting, axially-aligned annular bearing races between the interior of said outer housing and the exterior of said inner housing.

9. (ORIGINAL) Apparatus as defined in Claim 8 wherein each of said bearing races houses a tapered bearing.

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10. (ORIGINAL) Apparatus as defined in Claim 2 wherein said means for fixing said actuator shaft to said inner housing further comprises:

- a) a tapered collet, said collet surrounding and being coaxial with said actuator shaft;
- b) means for fixing said collet to said inner housing; and
- c) means for fixing said tapered collet to said actuator shaft.

11. (ORIGINAL) Apparatus as defined in Claim 10 wherein said means for fixing said tapered collet to said actuator shaft comprises an inwardly-directed key extending from the interior of said collet to a groove within the exterior of said actuator shaft.

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12. (ORIGINAL) Apparatus as defined in Claim 2 further including:

- a) the interior of said main shaft position being substantially hollow;
- b) a substantially-cylindrical plug, said plug being received within said hollow interior of said main shaft; and
- c) means for sealing said plug to said main shaft.

13. (ORIGINAL) Apparatus as defined in Claim 12 wherein said means for sealing comprises:

- a) an o-ring; and
- b) said o-ring being received within an annular groove within the outer surface of said plug.

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14. (ORIGINAL) Apparatus as defined in Claim 5 further including:

- a) a mounting structure;
- b) said mounting structure including a substantially-planar plate having an internal aperture for accommodating said cylindrical main shaft; and
- c) an interiorly-threaded nut for securing said plate to said main shaft whereby said mounting structure is rotatable with said main shaft.

15. (CANCELED)

16. (CANCELED)

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17. (CURRENTLY AMENDED) Apparatus for remotely tilting and panning a camera head fixed to a boom, said apparatus comprising, in combination:

a) a first and a second pressure-actuated positioner, each of said positioners including an elongated, output shaft rotatable with respect to an outer housing;

b) said shafts of said positioners being vertically and orthogonally disposed with respect to one another by means of a bracket having one end fixed to the outer housing of said first positioner and an opposed end fixed to the outer housing of said second positioner so that said output shafts define orthogonal tilt and pan axes;

~~c) means for coupling said camera head to one of said positioners so that the tilt of said camera head is responsive to the angular rotation of the output shaft of said positioner; and~~

~~d) means for directly coupling said output shaft of said first other positioner to said boom so that said outer housing of said positioner and bracket rotate through a pan angle in response to of said camera head is responsive to rotation of said output shaft of said first positioner relative to said outer housing; and of said other positioner~~

d) means for directly coupling said output shaft

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of said second positioner to said camera head so that said camera  
head rotates through a tilt angle in response to rotation of said  
output shaft of said second positioner and rotates through said  
pan angle in response to rotation of said outer housing of said  
first positioner.

18. (CANCELED) Apparatus as defined in Claim 17  
further including:

- a) an inclined elongated bracket; and
- b) the outer housings of said positioners being  
fixed to opposed ends of said bracket.



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19. (CURRENTLY AMENDED) Apparatus as defined in Claim  
17 ~~18~~ wherein each of said positioners additionally comprises:

a) the angular rotation of each of said output  
shafts being responsive to fluid flows transmitted through a pair  
of lines coupled thereto;

b) a valve associated with each of said  
positioners, each of said valves being coupled to pair of lines  
for controlling said fluid flows;

c) a hydraulic unit for providing fluid under  
predetermined pressure to each of said valves; and

d) means for selectively energizing each of said  
valves to determine said fluid flows.

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20. (ADDED) Apparatus as defined in Claim 17 wherein each of said positioners additionally comprises:

a) the angular rotation of each of said output shafts being responsive to air flows transmitted through a pair of lines coupled thereto;

b) a valve associated with each of said positioners, each of said valves being coupled to pair of lines for controlling said air flows;

c) a pneumatic unit for providing air under predetermined pressure to each of said valves; and

d) means for selectively energizing each of said valves to determine said air flows.